

TSYMBAL, T.N.; GEL'CHINSKIY, B.Ya.; RUDAKOV, A.G.

Main properties of a wave field, disturbed by the tracking of reflected waves, in the Surkhandar'ya Depression and problems in connection with studying it. Vop. din. teor. raspr. seism. volsn no.4:61-78 '62. (MIRA 15:10)
(Surkhandar'ya Valley—Seismic prospecting)

RUDAKOV, A.G.; CHICHININ, I.S.

Experimental studies of groups of receivers and sources based
on the frequency theory of grouping. Vop. din. teor. raspr.
seism. voln no.4:205-219 '62. (MIRA 15:10)
(Seismometry)

INOGRAMOV, R.Shi.; NAKHAMKIN, S.A.; RUPAKOV, A.G.; KHARITONOV, A.I.

Using the controlled directional sensitivity method with preliminary multi-element grouping under conditions of intensive seismic interference. Prikl. geofiz. no.39:62-74 '64. (MIRA 17:9)

RUDAKOV, A.G.

Some methodological problems in studying wave interference and
distinguishing reflected waves from it. Pt. 1; studying the
wave field. Vop. din. teor. raspr. seism. voln no.6:163-180 '62.
(MIRA 16:?)
(Seismic prospecting)

RUDAKOV, A.G.

Experimental studies of groups of sources on the basis of the frequency theory of velocity flow. Vop. din. teor. raspr. seism. voln no.6:147-162 '62. (MIRA 16:7)

(Seismic waves)

RUDAKOV, A.G.; Kharitonov, A.I.; CHICHININ, I.S.

Practice of using the frequency theory of grouping in the Uzbek
Geophysical Trust. Vop. din. teor. raspr. seism. voln no.4:220-
230 '62.
(MIRA 15:10)

(Uzbekistan—Seismometry)

15-57-5-6810

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
pp 156-157 (USSR)

AUTHORS: Volin, A. P., Rudakov, A. G.

TITLE: Seismic Prospecting With Transverse Waves (O seysmoran-
azvedochnykh rabotakh na poperechnykh volnakh)

PERIODICAL: Prikl. geofizika, Nr 15, 1956, pp 53-82.

ABSTRACT: The authors describe experimental work in using trans-
verse waves and they consider the possibility of using
the method. For the experiments, made near Leningrad,
the transverse waves were produced by a mechanical
striking device (pile driver), ammonite powder,
pyroxylin powder, and powder "gun" (drilling pipe closed
at one end; maximum weight on the order of 1.2 kg). In
contrast to the generally used pattern of seismic
prospecting, this procedure employs horizontal activity
(at a direction transverse to the profile) and hori-
zontal reception. The seismograms thus obtained contain

Card 1/2

15-57-5-6810

Seismic Prospecting With Transverse Waves (Cont.)

only the record of transverse waves. These records are comparatively simple and have characteristic forms that are good for correlation. A satisfactory parallelism in the phases of the leading waves on the seismograph is observed for purposes of correlation. The interpretation of the field data showed eight refracting horizons at depths (in meters) of 2, 12, 14, 27, 50, 96, 135, and 360 (the last corresponds to the surface of the crystalline basement). The velocity of the transverse waves ranges up to 120 m/sec for the upper clay layers and up to 3200 m/sec for the basement rocks. A combination of the method of transverse and longitudinal waves permitted the determination of not one but two wave velocities, and this advantage made it possible to describe the section more completely. At present the method of transverse waves may be used for the study of zones with low velocities when prospecting for ore deposits and also is satisfactory for various types of engineering geological investigations. In principle this method may be used to solve the problem of depth, but in practice such a calculation can be done only after the procedure is properly set up to secure strongly directed activity (wave propagation).

Card 2/2

Ye. P. V.

RUDAKOV, A.G.; OGURTSOV, K.I.; KONOVALOVA, M.A.

Dynamic characteristics of direct waves in finely stratified
structures (shales). Vop.din.teor.raspr.seism.voln. no.2:
133-156 '59. (MIRA 13:5)

(Seismometry)

RUDAKOV, A.G.; TSYMBAL, T.M.

Some experimental investigations on the dynamic characteristics of seismic pulse generation by impact. Vop.din.teor. raspr.seism.voln. no.2:157-174 '59. (MIRA 13:5)
(Seismic prospecting)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

BERDENNIKOVA, N.I.; ZHADIN, V.V.; RUDAKOV, A.G.

Observation methods in seismic logging. Vop.din.teor.raspr.
seism.voln. no.2:175-186 '59. (MIRA 13:5)
(Seismic prospecting)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8"

RUDAKOV, A.G.

Field tests of models of apparatus for the generation of seismic waves through direct contact. Vop.din.teor.raspr. seism.voln. no.2:197-201 '59. (MIRA 13:5)
(Seismic prospecting)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

VOLIN, A.P.; RUDAKOV, A.G.

Use of transverse waves in seismic prospecting. Prikl.geofiz.
no.15:53-82 '56. (MLRA 10:1)
(Seismic waves) (Prospecting--Geophysical methods)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8"

RUDAKOV, Aleksandr Ivanovich; MAL'CHIKOVA, V.K., red.; RODCHENKO, N.I.,
tekhn. red.

[Storing potatoes] Silosovanie kartofelia [Leningrad] Lenizdat,
1956. 29 p. (MIRA 11:7)

(Potatoes--Storage)

RUDAKOV, A.I., kand.sel'skokhoz.nauk; GURZVICH, I.Ya., red.; FRIDMAN,
Z.L., tekhn.red.

[Fattening swine in the non-Chernozem zone] Opyt otkorma svinei
v nechernozemnoi polose. Leningrad, Gos.izd-vo sel'khoz.lit-ry,
1960. 173 p.
(Swine--Feeding and feeds)

RUDAKOV, A. I.

Q-5

USSR/Farm Animals - Swine.

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2615

Author : A.I. Rudakov

Inst :

Title : The Use of Potato Patches as Pasturage Grounds.

Orig Pub : Nauka i Perodov, Opyt v s-kh. 1957, No 6, 39-41

Abstract : Experiments lasting four years demonstrated the effectiveness of using potato patches, with the addition of small quantities of supplementary feeding as pasturage for hogs. Electrical protection of the field was installed. It is recommended that potatoes be planted close to the farm with the thought of utilizing the patch as pasture for hogs for a period of 2-3 months; the estimated consumption of potatoes is about 6 kilograms of potatoes per day for each of the young pigs, and 15 kilograms for each sow. The hogs may be driven to the pasture 1.5 to 2 weeks after the potatoes begin to bloom. The area of the potato patch

Card 1/2

RUDAKOV, A. I.

[Fattening of swine; in Leningrad Province and the northwestern part of the RSFSR] Otkorm svinei v Leningradskoi oblasti i severo-zapadnoi zone RSFSR. Lenizdat, 1957. 62 p. (MIRA 12:2)
(Russia, Northwest--Swine--Feeding and feeding stuffs)

RUDAKOV, A.I., kandidat sel'skokhozyaystvennykh nauk.

Feeding potatoes to swine in the field. Nauka i pered.op.v
sel'khoz. 7 no.6:39-41 Je '57. (MLRA 10:7)
(Potatoes) (Swine--Feeding and feeding stuffs)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

KUJAROV, A. I. et al.

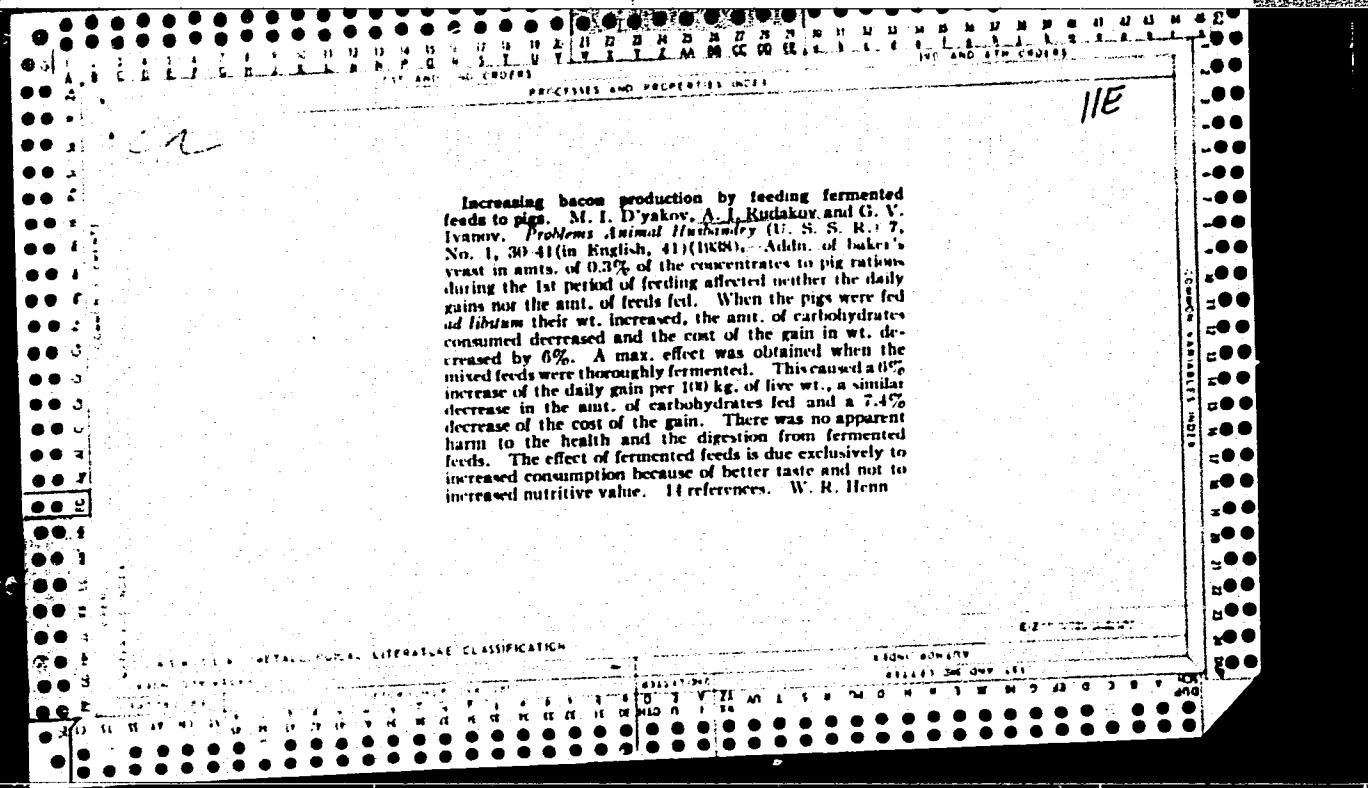
"Preparation and Use of the Potato Silo", Sov Zootekhnika (Soviet Zootechnics), No. 10, pp 78-88, 1950.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8"

ASTAKHOV, Ivan Ivliyevich, kandidat sel'skokhozyaystvennykh nauk; RUDAKOV,
Aleksandr Ivanovich, kandidat sel'skokhozyaystvennykh nauk;
GOL'DSHTEYN, N.I.; redaktor; CHUNAYEVA, Z.V., tekhnicheskiy redaktor

[Keeping swine in field shelters and pastures] Lagerno-pastbishchnoe
soderzhanie svinei v severo-zapadnoi zone nechernozemnoi polosy
SSSR. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 79 p. (MIRA 9:8)
(Swine--Feeding and feeding stuffs)



(6707102) A.P.

RUDAKOV, A.P.; MARTYNYUK, K.D.

Successful use of Dubrov's nail simultaneously in both hips.
Ortop.travm. i protez. no.3:70-71 My-Je '55 (MLRA 8:10)

1. Iz khirurgicheskogo otdeleniya (zav. A.P.Rudakov) Kamensk-Shakhtinskoy gorodskoy bol'nitsay (glavnnyy vrach--I.I.Leyko)
(HIP, fractures.
surg., intramedullary nailing, bilateral)
(FRACTURES,
hip, surg., intramedullary nailing, bilateral)

BESSONOV, M. I.; RUDAKOV, A. P.

Studying the stresses occurring during the heating of fibers
made from polyvinyl alcohol. Khim. volok. no.2:30-35 '64.
(MIRA 17:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

ACCESSION NR: AP4034911

S/0181/64/006/005/1333/1342

AUTHORS: Bessonov, M. I.; Rudakov, A. P.

TITLE: The phase state of polyvinyl alcohol

SOURCE: Fizika tverdogo tela, v. 6, no. 5, 1964, 1333-1342

TOPIC TAGS: polyvinyl alcohol, phase transition, double refraction, polymer, polarizing microscope MP 3

ABSTRACT: On the whole, the capacity of polyvinyl alcohol to crystallize is supported by a great amount of experimental data reported in the literature. But direct observation of first-order phase transitions, determination of melting point, and knowledge of other pertinent data have been lacking. The authors attempted to fill this gap. They investigated the temperature transformations in films of polyvinyl alcohol by means of x-ray studies and by measurements on changes in density, elasticity modulus, and microscopically observable double refraction. An MP-3 polarizing microscope with long-focus objectives and with heating stage was used to observe changes in double refraction. The initial films exhibited no birefringence, but a slight effect was noted at 150-160°C, which disappeared at 230-235°C. Samples cooled quickly from this temperature (to -110°C) still showed no

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ACCESSION NR: AP4034911

birefringence, but slowly cooled samples did display the property, at 202-204C. Density was found to change sharply at about 220-230C (in melting zone) and at 190-210C (in crystallization range). First-order transition was observed, and the authors conclude that polyvinyl alcohol is a crystalline polymer with a melting point of 232C. Orig. art. has: 6 figures.

ASSOCIATION: Institut vy*okomolekulyarny*kh soyedineniy AN SSSR, Leningrad
(Institute of High-Molecular Compounds AN SSSR)

SUBMITTED: 10Nov63

ENCL: 00

SUB CODE: OC, SS

NO REF SOV: 009

OTHER: 009

Card: 2/2

1-35043-65 EWT(m)/EPF(c)/EWP(j) PC-4/Pr-4 RM/GS
ACCESSION NR: AT5004096 S/0000/64/000/000/0046/0055
29
26
B+1

AUTHOR: Rudakov, A. P.; Kuvshinskiy, Ye. V.

TITLE: Wear of rubber on a smooth indentor

SOURCE: Nauchno-tehnicheskoye soveshchaniye po friktionnomu iznosu rezin.
Moscow, 1961. Friktionnyj iznos rezin (Frictional wear of rubber); sbornik
statey. Moscow, Izd-vo Khimiya, 1964, 46-55

TOPIC TAGS: rubber, rubber property, rubber research, wear resistance, friction,
mechanical working

ABSTRACT: The wear of rubber depends on its properties and on the conditions under
which it is being used. Wear is not always the result of scratches and cuts, but
also results from sliding along a smooth surface. The hypothesis that durability
is determined by the elastic strength characteristics of rubber contradicts the
findings of many experiments. Nevertheless, there are theories which identify wear
of rubber with mechanical destruction. Here, on the contrary, it is believed that
processes associated with fatigue play a decisive role. Consequently phenomena
which occur during rubbing of a rubber surface with a smooth indentor were investi-
gated. A special device was constructed for this purpose (see Fig. 1 of the En-

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L 35043-65
ACCESSION NR: AT5004096

3

closure). When the indentor is dragged along the surface of a rubber specimen, the latter remains unchanged for a certain period of time, after which thin cylindrical pellets are formed. These pellets are located generally perpendicular to the motion of the indentor. Due to the destruction of the rubber its upper layer becomes sticky and weak. The experiments were carried out with SKI, SKD, SKB, and SKS-30A rubber and with natural rubber. It was found that surface oxidation processes take place during the wear of SKI based rubber and natural rubber. The destruction of rubber during indentor treatment cannot be attributed to the heat liberated due to friction. Orig. art. has: 6 figures and 6 equations.

ASSOCIATION: none

SUBMITTED: 05Aug64

ENCL: 01

SUB CODE: MT

NO REF SOV: 005

OTHER: 003

Card 2/3

L 35043-65

ACCESSION NR: AT5004096

ENCLOSURE: 01

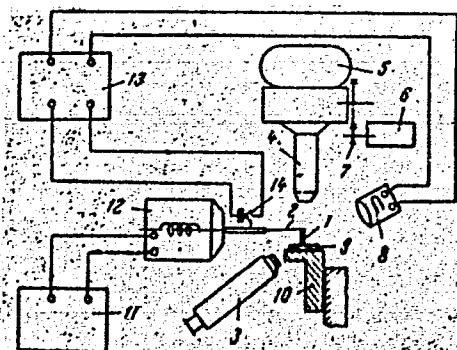
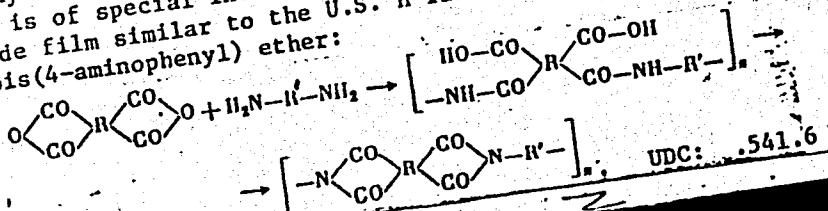


Fig. 1
Test Equipment

- 1 - indentor; 2 - dynamometer spring; 3 - MIR-1 microscope; 4 - M-9 microscope;
5 - motion picture camera; 6 - synchronous motor; 7 - reduction gearbox; 8 - illuminator with flashlight; 9 - rubber specimen; 10 - jack stand; 11 - ZG-10 generator;
12 - GMK-1 mechanical vibration generator; 13 - flashlight power supply;
14 - synchronizing switch

Card 3/3

(A) L 11235-66 EWT(m)/EWP(j)/T/EWA(c)/ETC(m)
ACC NR: AP6002214SOURCE CODE: UR/0080/65/038/012/41207
VIV/RDAUTHOR: Koton, M. M.; Yakovlev, B. I. 44 55
F. S.; Bessonov, M. I.; Kuleva, M. M.; Rudakov, A. P. 44 55
44 55 44 55 Tolparova, G. A.; Layus, L. A. 44 55
ORG: Institute of Macromolecular Compounds, AN SSSR (Institut vysokomolekulyarnykh
soyedineniy AN SSSR) 44 55TITLE: Preparation and physicomechanical properties of polypyromellitimide 144 55
SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 12, 1965, 2728-2734TOPIC TAGS: heat resistant plastic, fire resistant material, dielectric material,
polyimide, polypyromellitimide/~~pyromellitic anhydride~~ABSTRACT: A study has been made of the preparation and mechanical
properties of a polyimide, viz., polypyromellitimide. Test results showed that
the polymer may find widespread use as a heat resistant and low temperature resistant
material, and is of special interest as a high temperature film similar to the U.S. H-film was prepared from pyromellitic an-
hydride and bis(4-aminophenyl) ether:

Card 1/2

L 11235-66

ACC NR: AP6002214

Polycondensation to the polyamido acid intermediate was carried out at 1°C. Poly-pyromellitimide films were prepared by drying solutions of the polyamido acid on glass substrates at 20–40°C followed by heat treatment at 80–400°C to produce imidization. Optimum preparative conditions were determined. The films were transparent, gold-brown in color, thermally stable, nonburning at up to 600–700°C, unaffected by organic solvents, highly resistant to γ - and UV radiation, low temperature resistant, nonshrinkage, resistant to humidity, and readily metalized. In its mechanical properties at high temperatures, the material surpasses all existing polymers. These properties can be further improved by orientation stretching, after which they approach those of glass-reinforced plastics and metals. Orig. art. has: 5 figures and 3 tables.

15

[SM]

SUB CODE: 11/ SUBM DATE: 08Mar65/ ORIG REF: 008/ OTH REF: 011/

ATD PRESS: 4173

BC

Card 2/2

L 38585-65 EWT(m)/EPF(c)/ENF(j)/ENA(c) PC-1/PR-1
ACCESSION NR: AP5010583

UR/0020/65/161/003/0617/0619

21
21
B

AUTHOR: Rudakov, A. P.; Bessonov, M. I.; Pokrovskiy, Ye. I.;
Fedorova, Ye. F.; Koton, M. M. (Corresponding member AN SSSR)

TITLE: High-temperature isomeric conversions in polyimides

SOURCE: AN SSSR. Doklady, v. 161, no. 3, 1965, 617-619

TOPIC TAGS: polyimide, polymer, cross linking, thermal treatment

ABSTRACT: Pyromellitic dianhydride, biphenyltetracarboxylic dianhydride, and the dianhydride of an aliphatic tetracarboxylic acid [sic] were condensed with diaminodiphenyl ether and benzidine in dimethylformamide at 15°C. The resulting solutions of a series of representative polyimides were used to form polyimide films, which were then subjected to thermal treatment. Infrared, gravimetric, and dielectric measurement data indicated that dehydrocyclization (imidization) is essentially complete at 250°C. However, additional thermal treatment at 300—400°C results in a somewhat unexpected considerable increase in elasticity. Since any destructive thermal effects would decrease

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L 38585-65

ACCESSION NR: AP5010583

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elasticity, and since crystallization is disproved by x-ray data, it was concluded that at higher temperatures cross-linking occurs, probably by opening of individual imide rings incorporated in the macromolecules and subsequent formation of imide cross-links between separate macromolecules. This is supported by attenuation of the 1780 cm^{-1} band associated with carbonyl groups in five-membered rings. Further support for cross-linking is provided by thermomechanical tests on the above films. Intermolecular isomerization of this type may be utilized to control the properties of other thermosetting plastics. Orig. art. has: 3 figures, 1 table, and 1 formula. [VS]

ASSOCIATION: Institut vysokomolekulyarnykh soyedineneiy Akademii nauk SSSR (Institute of Macromolecular compounds, Academy of Sciences, SSSR)

SUBMITTED: 05Nov64

ENCL: 00

SUB CODE: OC, TD

NO REF SOV: 000

OTHER: 005

ATD PRESS: 3227

Card 2/2

L 64483-65 EWT(m)/EPF(c)/EWP(j) RPL RM
 ACCESSION NR: AP5021279

UR/0020/65/163/005/1143/1146 44,55 /5

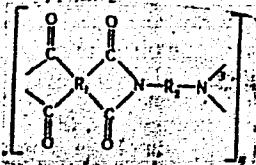
AUTHORS: Boldyrev, A. G.; Androva, N. A.; Bessonov, M. I.; Kuvshinskiy, Ye. V.;
 Rudakov, A. P.; Florinskiy, F. S.; Koton, M. M. (Corresponding member AN SSSR)

TITLE: Free radical investigation in polyamides by E.P.R. method

SOURCE: AN SSSR. Doklady, v. 163, no. 5, 1965, 1143-1146

TOPIC TAGS: epr spectrum, polyamide, polymer, resin, polyamide acid

ABSTRACT: A. P. Rudakov, M. I. Bessonov, M. M. Koton, i dr. (DAN, 161, 3, 1965) have shown that heating of polyamide acids to 80-200°C leads to a liberation of water and the formation of polyamide cyclic compounds. The authors of the present paper studied the nature of free radicals formed during the above reaction. The polyamides studied had the structure



Cord 1/2

L 64483-65

ACCESSION NR: AP5021279

On the basis of epr measurements, three types of radicals were detected. The kinetics of free radical accumulation was studied by gradual heating of specimen, and the results are shown graphically. It is concluded that during heating of polyamide acids two processes occur: a reversible one and an irreversible one. The reversible change is attributed to processes taking place in one and the same imide ring, whereas the nonreversible changes are attributed to the recombination of free radicals belonging to two different macromolecules. Radicals having the structure -C=O were not detected. Orig. art. has: 4 graphs.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy, Akademii nauk SSSR
(Institute for High-Molecular Compounds, Academy of Sciences, SSSR) *++*, *<<*

SUBMITTED: 13 Mar 65

ENCL: 00

SUB CODE: OC, *ZC*

NO REF Sov: 003

OTHER: 000

Card 2/2

SIDOROVICH, A.V.; BESSONOV, M.I.; RUDAKOV, A.P.; KOTON, M.M.

Thermographic and dilatometric study of polypyromellitimide.
Dokl. AN SSSR 165 no.4:848-850 D '65.

(MIRA 18:12)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
2. Chlen-korrespondent AN SSSR (for Koton).

BERGKIN, A.Ya.; ANDREEVA, N.A.; VOLKOVA, I.A.; KUL'ISOV, S.I.; KUDAROV,
A.P.; PYRKOV, I.M.; FRENKEL', S.Ya.

Correlation of the structural and mechanical characteristics of
polyvinyl alcohol fibers. Khim. volok. no.6:22-26 '65.
(VNIKA 18:12)

I. Institut vysokomolekuljarnykh soyedinenij AN SSSR.
Submitted June 9, 1964.

L 17625-66 EWT(m)/EWP(j)/T/ETC(m)-6 WW/RM

ACC NR: AP6001731

SOURCE CODE: UR/0020/65/165/004/0848/0850

AUTHORS: Sidorovich, A. V.; Bessonov, M. I.; Rudakov, A. P.; Koton, M. M.
(Corresponding member AN SSSR)

ORG: Institute for High-Molecular Compounds, Academy of Science, SSSR (Institut
vysokomolekulyarnykh soyedineniy Akademii nauk SSSR)

TITLE: Thermographical and dilatometrical investigation of polypyromellitimide

SOURCE: AN SSSR. Doklady, v. 165, no. 4, 1965, 848-850

7,44,55

TOPIC TAGS: polymer, polyamide, polymer physical chemistry, polymer chemistry,
amorphous polymer, thermal analysis

ABSTRACT: The effect of temperature on the state of aggregation of polypyromellitimide was investigated by differential thermal analysis and dilatometry. The experimental procedure followed is described by A. V. Sidorovich and Ye. V. Kuvshinskiy (Zav. lab., 25, No. 9, 1124, 1959). The experimental results are presented graphically (see Fig. 1). It is concluded that, after being subjected to a complete annealing cycle, the polypyromellitimide does not change its state

Card 1/2

UDC: 536.717+541.6

L 17625-66

ACC NR: AP6001731

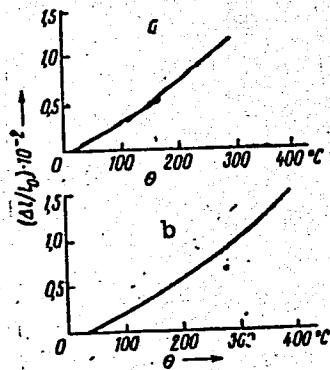


Fig. 1. Dilatometric measurements.
Film III (imidized) a - thermal
extension during first heating;
b - thermal extension after several
heating cycles (heating - cooling).

of aggregation in the temperature interval 20--400°C. Orig. art. has: 3 graphs.
SUB CODE: 07/ SUEM DATE: 30Jun65/ ORIG REF: 004 OTH REF: 001

Card 2/2

I 40072-66

EVT(m)/EWP(j)/T

IJP(c) RM

ACC NR: AP6012417

(A) SOURCE CODE: UR/0183/65/000/006/0022/0026

AUTHOR: Sorokin, A. Ya.; Andreyeva, N. A.; Volkova, L. A.; Kol'tsov, A. I.;
Rudakov, A. P.; Pyrkov, L. M.; Frenkel', S. Ya

57

B

ORG: IVS AN SSSR

TITLE: Correlation of structural and mechanical characteristics of
polyvinyl alcohol fibers. Investigation of supermolecular arrangement
in chemical fibers and means of increasing their strength.

SOURCE: Khimicheskiye volokna, no. 6, 1965, 22-26

TOPIC TAGS: polyvinyl alcohol, synthetic fiber, polymer structure,
elongation, rupture strength, correlation function, NMR, X ray analysisABSTRACT: The structural and mechanical properties of polyvinyl alcohol
fibers were investigated using the range of thermoplasticized stretch
as the controllable variable. Correlation between these properties
was shown. Linear correlation was established between the overall
orientation of the macromolecules in the fiber and orientation of the
crystallites; between rupture strength and maximum relaxation stress, and
also between these values and the reciprocal half-width reflection β_{1r}

UDC: 677.744.72

Card 1/2

L 4012417
ACC NR: AP6012417

and the amount of elongation (up to 450% elongation tested). It was shown that the parameter (β), describes the previous history of the samples with respect to macromolecular orientation. NMR studies showed the basic conformation of the polyvinyl alcohol fiber macromolecules is flat trans-zigzag. A combination of different analytical methods (NMR, X-ray, isothermal heating) can be used to study in succession the structure formation processes at different stages of fiber formation. Orig. art. has: 4 equations, 8 figures and 2 tables.

SUB CODE: 07,11/ SUBM DATE: 09Jun64/ ORIG REF: 011/ OTH REF: 003

Card 2/2 11b

ACC NR: AP7001410

(A, N)

SOURCE CODE: UR/0413/66/000/021/0110/0111

INVENTOR: Koton, M. M.; Adrova, N. A.; Dubnova, A. M.; Bessonov, M. I.;
Rudakov, A. P.

ORG: none

TITLE: Preparative method for polyimides. Class 39, No. 188005 [announced by the
Institute of Macromolecular Compounds AN SSSR (Institut vysokomolekulyarnykh
soyedineniy AN SSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966,
110-111

TOPIC TAGS: polyimide^{resin}, elasticity

ABSTRACT: An Author Certificate has been issued for a preparative method for polyimides, involving the polycondensation of pyromellitic anhydride and an aromatic diamine. To produce polyimides exhibiting high elasticity, hydroquinone bis(4-amino-phenyl) ether is used as the amine. [SM]

SUB CODE: 07, 11/ SUBM DATE: 07Jan65/ ATD PRESS: 5109

Card 1/1

UDC: 678.675.002.2

ACC NR: AP6032081 /in) SOURCE CODE: UR/0163/65/000/005/0020/0023

AUTHOR: Rudakov, A. P.; Bessonov, M. I.; Kozon, M. M.; Florinskiy, F. S.

ORG: Institute of Macromolecular Compounds, AN SSSR (Institut vysokomolekulyarnykh voyedineniy)

TITLE: Physical and mechanical properties of fibers obtained from polypyromellitimide

SOURCE: Khimicheskiye volokna, no. 5, 1966, 20-23

TOPIC TAGS: synthetic fiber, polypyromellitimide

ABSTRACT: The possibility of obtaining fibers from polypyromellitimide has been studied. It was found that heat-resistant, high-modulus, nonshrink fibers could be obtained under laboratory conditions from polypyromellitimide. Their physical and mechanical properties are found to be considerably better than those of mass-produced heat-resistant fibers. Polypyromellitimide fibers apparently can be used to produce high-temperature cord and textiles, and also filler for plastic materials and textolites. Orig. art. has: 3 figures.

SUB CODE: 11/ SUBM DATE: 24May55/ ORIG REF: 007/ OTH REF: 008/

Card 1/1

UDC: 677.494.674

ACC NR: AP6035661

SOURCE CODE: UR/0105/66/000/011/0084/0085

AUTHOR: Rudakov, A. P. (Engineer); Bessonov, M. I. (Engineer);
Koton, M. M. (Engineer); Florinskiy, F. S. (Engineer)

ORG: Institute of High-Molecular Compounds, AN SSSR (Institut
vysokomolekulyarnykh soyedineniy AN SSSR)

TITLE: Lacquer-film multilayer capacitor with homogeneous polyimide dielectric

SOURCE: Elektrichestvo, no. 11, 1966, 84-85

TOPIC TAGS: electric capacitor, polyimide

ABSTRACT: Based on Soviet and American (Plastics Technology, v. 8, no. 12,
1962) published data, mechanical and electrical characteristics of polyimides,
polyethylene terephthalate, and polyarylates are tabulated. Experimental 4-layer
capacitors were prepared by alternatively spraying layers of a polyimide and a

Card 1/2

UDC: 621.319.4:621.315.616.9

ACC NR: AP6035661

metal onto a glass backing, stripping the resulting film capacitor and rolling it into a tubular form. The experimental models had these characteristics: specific volume, 1-2 cm³/mF; capacitance, 100000 pF with a layer thickness of 2-4 μ; breakdown voltage, 20-50 v; tg δ at + 20 + 300C, at 50 cps, 0.01. Low breakdown voltages were, apparently, due to organic inclusions (dust) in the polyimide layers. Orig. art. has: 2 figures and 1 table.

SUB CODE: 09 / SUBM DATE: 09Nov65 / ORIG REF: 006 / OTH REF: 004

Card 2/2

ACC NR: AP6034265

(N)

SOURCE CODE: UR/0390/66/029/005/0609/0611

AUTHOR: Rudenko, A. P.; Zakharova, N. A.

ORG: Division of Pharmacology /Head- Active member AMN SSSR S. V. Anichkov/, Institute of Experimental Medicine, AMN SSSR, Leningrad (Otdel farmakologii Instituta eksperimental'noy meditsiny AMN SSSR)

TITLE: Toxicity of certain tropane derivatives and their effect on hyperkinesia

SOURCE: Farmakologiya i toksikologiya, v. 29, no. 5, 1966, 609-611

TOPIC TAGS: drug effect, tropane, tropane derivative, hyperkinesia, ~~Ch-~~, N cholinolytic effect, stereoisomer, toxicity, central nervous system

ABSTRACT: The toxicity and central nervous system effects of the tropane derivatives shown in the figure were investigated. Table 1 shows the relative toxicity of the three compounds tested. The effect of these 3-substituted tropanes on hyperkinesia in rats were compared with those of corresponding stereoisomers. Only 3 alpha-chloronortropane produced central N-cholinolytic effects. Orig. art. has: 1 figure and 2 tables. [W.A. 50]

Card 1/2

UDC: 615.784.23-099+615.784.23-06:616.8-
-009,24

ACC NR: AP6034265

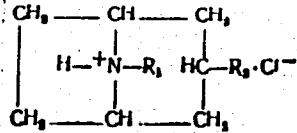
a: $\text{R}_1 = \text{H}; \text{R}_2 = \text{Cl}$;b: $\text{R}_1 = \text{H}; \text{R}_2 = \text{OH}$;c: $\text{R}_1 = \text{CH}_3; \text{R}_2 = \text{OII}$,

Table 1. Toxicity of preparations a, b, and c for mice

Type of dose	Preparation		
	a	b	c
	Dose (B mg/kg)		
Maximum ineffective ...	300	1300	400
Minimal lethal ...	350	1500	500
LD ₅₀ ...	476,6	2100	814,9
LD ₁₀₀ ...	650	2700	1100

SUB CODE: 06/ SUBM DATE: 26Jan66/ ORIG REF: 002
Card 2/2

Translation from: Referativnyy Zhurnal, Mashinostroyeniye, 1957,
Nr 1, p.85 (USSR) 123-1-534

AUTHOR: Rudakov, A.S.

TITLE: Problems of Increased Productivity of Labor in Welding
(in plants of the Chelyabinskaya Oblast'). [Voprosy
povysheniya proizvoditel'nosti truda v svarochnom
proizvodstve (na zavodakh Chelyabinskoy oblasti)]

PERIODICAL: In Sbornik: Opyt povysheniya proizvoditel'nosti truda.
Chelyabinsk, Knigoizdat, 1956, pp.160-169

ABSTRACT: The author presents the experience acquired in adopting
welding and gas cutting in the oblast' machine-building
and metal-working enterprises, in the following branches:
the automation of welding, the manual arc welding problems
for increased productivity, and the creative initiative
of leading welders as a source for the improved productivity
of labor.

Card 1/1

K.N.N.

RUDAKOV A-5

22c-8. Hard Soldering of Thin Brass Sheets Using a Spot Welding Machine. (In Russian.) A. S. Rudakov and V. M. Shakhmatov. *Avtogennoe Delo* (Welding), Dec. 1947, p. 24-27.
Method for adaptation of the equipment to this job.

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ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

13044 83M187
811111 84X QMV 150

RUDAKOV, A. S.

USSR/Engineering—Welding

Card 1/1 : Pub. 128—21/33

Authors : Rudakov, A. S., Engineer

Title : Manufacture of large welded parts in continuous mass production

Periodical : Vest. mash. 34/8, 71-74, Aug 1954

Abstract : Some of the special features involved in the technical process of welding the housing of the side friction-clutches of the S-80 tractor are elucidated. This housing being of enormous size weighs, with its longerons, 923 kg. Details are given of the requirements for precision and strength. Drawings; graphs.

Institution :

Submitted :

~~KHIDAKOV, A.S.~~

YES'KOV, K.A., inzhener; RUDAKOV, A.S., inzhener.

Peculiarities of the melting process of copper, bronze, and cast iron electrodes. Vop.svar.proizv. no.7:41-47 '55. (MLRA 10:3)
(Electrodes--Testing)

RUDAKOV, A.S., inzhener.

Welding practices for large and precise welded machine parts in assemblyline mass production. Vop.svar.proizv. no.7:63-72 '55.
(MIRA 10:3)

(Machinery industry)(Welding) (Assembly-line methods)

SHAKHMATOV, V.M., kand. tekhn. nauk; RUDAKOV, A.S., inzh.; PODKORYTOV,
Ye.T., inzh.

Butt welding of cast iron sewer pipes with shaped fittings.
Svar. proizv. no.4:18-20. Ap '65. (MIRA 18:6)

i. Chelyabinskii politekhnicheskiy institut (for Shakhmatov,
Rudakov). 2. Chelyabinskii trest "Yuzhuralsantekhnmontazh"
(for Podkorytov).

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

RUDAKOV, A.S., inzh.

Analysis of the structure of printed signs. Vych. tekhn. [MVTU]
(MIRA 17:2)
no.3:153-164 '63.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8"

VIRANOVSKIY, G.B.; KUDAKOV, A.S.

Centralized power supply network for electric welding systems. From.
energ. 16 no.12:9-11 D '61. (MIRA 14:12)
(Electric welding) (Electric power supply to apparatus)

GALAKTIONOV, A.T.; DENISOV, Yu.A.; KOPYTOV, G.T.; MASLOV, Yu.A.; NIKONOV, I.P.; PETUNIN, I.V.; KOCHEGA, G.N.; KUZNETSOV, A.P.; LELEKO, N.M.; RAZIKOV, M.I.; SPESHKOV, V.V.; STEPANOV, B.V., STEPANOV, V.V.; kand. tekhn. nauk; SHELOMOV, B.Ye.; YUNYSHEV, G.P.; YES'KOV, K.A., dots., retsenzent; BAKSHI, O.A., dots., retsenzent; BEREZKIN, P.N., dots., retsenzent; PATSKEVICH, I.R., dots., retaentzent; RUDAKOV, A.S., dots., retsenzent; FIZHBEYN, N.B., inzh., retsenzent; KHRUSTALEV, L.Ya., inzh., retsenzent; KRUTIKHOVSKIY, V.G., inzh., red. BOBROV, Ye.I., kand. tekhn. nauk, red. DUGINA, N.A., tekhn. red.

[Welding handbook] Spravochnik rabochego-svarshchika. Pod red. V.V. Stepanova. Moskva, gos. nauchno-tehnicheskoye mashinostroit. lit-ry, 1960, 640 p. (MIRA 14:6) (Welding)

RAZZHIGAYEV, Anatoliy Fedorovich; CHAYKO, P.Ya., inzh., retsenzent;
RUDAKOV, A.S., kand.tekhn.nauk. red.; DUGINA, N.A., tekhn.red.

[Devices for the assembly of parts for welding] Sborochno-svarochnye prispособления. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 49 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no.23).

(MIRA 14:4)

(Welding--Equipment and supplies)

PHASE I BOOK EXPLOITATION

SOV/4154

Rudakov, Aleksandr Semenovich

Kontaktnaya svarka (Resistance Welding) Moscow, Mashgiz, 1959. 62 p.
(Series: Nauchno-populyarnaya biblioteka rabochego-svarshchika, no. 13)
13,000 copies printed.

Reviewer: A. T. Galaktionov, Candidate of Technical Sciences; Ed.:
K. A. Yes'kov, Docent; Managing Ed. (Ural-Siberian Division (Mashgiz));
A. V. Kaletina, Engineer; Tech. Ed.: N. A. Dugina.

PURPOSE: The booklet is intended for young welders with general knowledge
of the principles of electrical engineering, physics, and mathematics.

COVERAGE: The book deals with problems in the resistance-welding process.
The nature of the process and regular and special types of resistance
welding are discussed. The special features of the welding of some
commonly used metals and alloys are also discussed. No personalities are
mentioned. There are 3 references, all Soviet.

TABLE OF CONTENTS:

Nature of the Welding Process
Card 1/3

3

RUDAKOV, Aleksandr Semenovich; GALAKTIONOV, A.T., kand.tekhn.nauk,
retsenzent; YES'KOV, K.A., dotsent, red.; DUGINA, N.A.,
tekhn.red.

[Resistance welding] Kontaktnaia svarka. Moskva, Gos.nauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1959. 61 p. (Nauchno-popu-
liarnaia biblioteka rabochego-svarshchika, no.13).

(MIRA 13:5)

(Electric welding)

BAKSHI, O.A., kand. tekhn. nauk; RUDAKOV, A.S., dots.; SHAKHMATOV, V.M., inzh.

Stability of welding deformations. [Sbor st.] CHIPI no.16:5-13
'59. (MIRA 12:9)
(Welding--Testing) (Strains and stresses)

RUDAKOV, A.S., dots.; SHAKHMATOV, V.M., inzh.

Butt welding of heat and electrical resistance alloy strips.
[Sbor. st.] CHIPI no.16:68-79 '59. (MIRA 12:9)

(Heat-resistant alloys--Welding)
(Chromium-nickel alloys--Testing)

25(1)

PHASE I BOOK EXPLOITATION

SOV/2280

Chelyabinsk. Politekhnicheskiy institut

Voprosy svarochnogo proizvodstva (Problems in Welding) Moscow, Mashgiz, 1959. 92 p. (Series: Its; Sbornik, No. 16). 6,000 copies printed.

Reviewers: F.I. Boykov, Engineer, A.G. Menzenkampf, I.I. Vinnik, N.A. Klykov, N.A. Karpova, N.I. Andrianov, V.M. Solovskoy, L.Ye. Garmash, and N.M. Yegorov, Docent; Ed. (Title page): K.A. Yes'kova, Docent; Ed. (Inside book): A.G. Kozlov; Tech. Ed.: N.A. Dugina; Exec. Ed. (Ural-Siberian Division, Mashgiz): A.V. Kaletina, Engineer.

PURPOSE: This collection of articles is intended for engineers, technicians and scientific workers.

COVERAGE: This is a compilation of articles written by scientific workers of the Department of Welding Processes and Equipment of the Chelyabinsk Polytechnical Institute. The articles deal with little developed or entirely new problems of practice and theory of welding. The articles cover weldment deformation, welding of strips

Card 1/4

Problems in Welding

SOV/2280

made of resistance alloys, resistance welding of cast iron to steel, bronze welding, and some problems of vibroelectric arc automatic surfacing by welding, and the method of testing for weldability of thin sheet carbon steel, etc. No personalities are mentioned. References follow each article.

TABLE OF CONTENTS:

Bakshi, O.A., Candidate of Technical Sciences, A.S. Rudakov, Docent, and V.M. Shakhmatov, Engineer. On the Stability of Weld Deformations 5

The authors investigated the possibility of eliminating the after welding heat treatment for stress relief.

Patskevich, I.R., Candidate of Technical Sciences. Investigating the Structure and Hardness of Metal in Vibroarc Surfacing by Welding 14

The author investigated the factors determining the dimensions, structure and hardness at the heat-affected zone as related to single welded-on beads.

Pinchuk, I.S., and I.R. Patskevich. Investigating the Stability of Vibroarc Surfacing by Welding 34

The authors discuss the relations between the parameters of vibroarc surface welding, the role of the generator characteristics, the inductivity, the amplitude and the shape of vibra-

Card 24

Problems in Welding

SOV/2280

tion of the electrode.

Bakshi, O.A. Candidate of Technical Sciences. The Method of Measuring Electrode Vibration Amplitude in Automatic Vibroarc Surfacing by Welding

45

The author describes the principles of measuring electrode vibration by means of a measuring wedge.

Berezkin, P.N., Docent. Method of Checking Weldability of Thin Carbon Steel Sheet Metal

51

The author discusses the preference of using rimmed, killed, and semi-killed steel for the above purpose.

Patskevich, I.R., and Engineer V.M. Shakhmatov. Investigating Resistance Welding of Cast Iron to Steel

56

The authors discuss results of metallographical investigations, the results of mechanical testing of weld joints, and the possibilities of introducing the method into industry.

Rudakov, A.S., Docent, and Engineer V.M. Shakhmatov. Butt Welding of Resistance Alloys Strips

68

Card 3/4

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
BELINICHIER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
YRS'KOV, K.A.; ZGIRSKIY, Ch.I.; IGANT'YEV, M.I.; KORUSHKIN, Ye.N.;
KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; PAYTSIS, V.B.;
RUDAKOV, A.S.; SAFRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.;
KHANZHIN, P.K.; CHEREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn.
nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBYLEV, Z.S.,
kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk,
retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M.,
inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A.,
tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik
mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and
agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh
mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-
vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)

(Agricultural machinery—Maintenance and repair)

ANDRYUZHCHENKO, Yu.S., BAGIN, Yu.I., BASHKIRTSEV, A.A., BELEN'KOV, G.Ye.,
BELINICHER, I.Sh., BUSHUYEV, N.M., VAGANOV, A.K., GASHEV, A.M.,
YES'KOV, K.A., ZGIRSKIY, Ch.I., IGNAT'YEV, M.I., KORUSHKIN, Ye.N.
KUZ'MOV, N.T., PATSKEVICH, I.P., PICHAK, F.I., RAYTSES, V.B.,
RUDAKOV, A.S., SAPRYKIN, V.M., SIDOROV, F.F., UMINSKIY, Ye.A.
KHANZHIV, P.K., CHIREMOVSKIY, Yu.I., BUSHUYEV, N.M., kand.tekhn.
nauk, red.; DUGINA, N.A., tekhn.red.

[Manual for agricultural machinery operators] Pt. 3. Stationary
internal combustion engines, steam engines and windmills. Rural
electrification. Mechanization of production in animal husbandry.
Spravochnik mekhanizatora sel'skogo khoziaistva. Pt. 3. Statsionarnye
dvigateli vnutrennego sgoraniia, lokomobili i vetrodvigateli.
Elektrifikatsia sel'skogo khoziaistva. Mekhanizatsiya proizvodstvennykh
processov v zhivotnovodstve. Pod red. N.M. Bushueva. Moskva,
Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 200 p.
(MIRA 11:8)

(Agricultural machinery)

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.;
KUZ'MOV, N.T.; PATSKOVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.;
RUDAKOV, A.S.; SAPRYKIN, V.M., SIDOROV, F.F.; UMINSKIY, Ye.A.;
KHANZHIN, P.K.; CHIREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk;
retsenzent; MAKAROV, M.P., inzh.,retsenzent; TORBEYEV, Z.S.. kand.
tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent;
IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent;
SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora
sel'skogo khoziaistva. Moskva, Gos.nzuchno-tekhn.izd-vo mashinostroit.
lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and
implements, and operation of machine and tractor yards] Traktory i
avtomobili, sel'skokhozaiystvennye mashiny i orudija, ekspluatatsiya
mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p.
(MIRA 10:12)

(Machine-tractor stations)

3-10-15/30

AUTHOR: Rudakov, A.S., Dotsent

TITLE: We Expand the Circle of Participants (Rasshiryayem krug uchastnikov)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 10, pp 60 - 61 (USSR)

ABSTRACT: The chair of Welding Technology and Equipment at the Chelyabinsk Polytechnic Institute is working to develop the activity of student-members of the scientific society.

At the beginning, only students with special academic success were admitted to the society. Later on, the chair expanded these circles to include more research students.

Experience has shown that every student, guided in the proper way, is able to carry out useful research work. The author considers, however, that this activity should be reserved to special disciplines i.e. to the IVth and VIth course. The themes may be similar to those set before an industrial engineer and concern actual problems occurring in factories or workshops. They must be adapted to the available technical material and latest methods. The themes must, however, be of a higher level than ordinary engineering problems and must include new research.

During their training at the institute, students are charged with the solution of different problems or treat various stages

Card 1/ 2

15010009-3

FIGURNOV, K.M., professor, redaktor; MANDEL'SHTAM, A.E., professor, zasluzhennyj deyatel' nauk, redaktor; BOGOROV, I.I., professor, redaktor; PETROV-MASLAKOV, M.A., professor, redaktor; MAKAROV, R.R., dotsent, redaktor; TUMANOVA, Ye.S., dotsent, redaktor; RUDAKOV, A.V., redaktor; KHARASH, G.A., tekhnicheskij redaktor

[Problems in the neurohumoral regulation of physiological and pathological processes of the sexual functions in women] Voprosy neiro-gumoral'noi reguliatsii fiziologicheskikh i patologicheskikh protsessov zhenskoi polovoi sfery. [Leningrad] Gos. izd-vo med. lit-ry. Leningradskoe otd-nie, 1956. 146 p. (MLRA 10:3)

1. Chlen-korrespondent AMN SSSR (for Figurnov)
(NERVOUS SYSTEM) (GENITOURINARY ORGANS--DISEASES)
(HORMONES, SEX)

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CIA-RDP86-00513R001445910009-8

FUDAKOV, A. V.

"Viticulture and winemaking" pavilion; guidebook. (Moskva) Goskul'tprosvetizdat, 1954. 92 p.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8"

RUDAKOV, A. Ye.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 416 - I

BOOK

Call No.: AF627431

Author: BONCH-BRUYEVICH, M. D., Dr. of Techn. Sci., Ed.

Full Title: AERIAL PHOTOGRAPHY OF CITIES AND CITY SETTLEMENTS

Transliterated Title: Aerofotos"yemka gorodov i gorodskikh poselkov

Publishing Data

Originating Agency: None

Publishing House: Publishing House of the Ministry of Communal Economy of
the RSFSR

Date: 1953 No. pp.: 355

No. of copies: 5,000

Editorial Staff

Editor: Bonch-Bruyevich, M. D.

Tech. Ed.: None

Editor-in-Chief: None

Appraiser: None

Others: Separate Chapters were written by: Deyneko, V. F. (Introduction,
Chapters II, III, VI, VII and X); Sarantsev, N. M. (Ch. I); Rudakov, A. Ye.
(Ch. IV); Tolgskiy, V. S. and Butler, S. A. (Ch. V and IX); Yeremeyev, V.
S. (Ch. VIII); Sokolova, N. A., Recipient of the Stalin Prize(Ch. XI).

Text Data

Coverage: This is a handbook in which the processes of aerial surveying and photography are outlined, particularly their application in mapping cities and city settlements from aerial photography negatives. The main emphasis is on procedures in taking aerial photographs, processing the negatives and interpreting the positives. Equipment for making negatives (cameras, lenses

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Aerofotos" yemka gorodov i gorodskikh poselkov

AID 416 - I

and mounts) as well as for processing negatives and mapping (rectifiers, copy cameras, multiplex) is outlined only very briefly without giving any detailed information. Many tables are of practical help for those who engage in picture taking and analytical processing of negatives. However, no new or special methods could be found in this manual. Tables, diagrams.

RUDAKOV, D.I., kandidat tekhnicheskikh nauk.

Waste waters from a flax retting plant. Tekst.prom. 15 no.12:
22-23 D '55. (MLRA 9:3)

(Flax) (Factory and trade waste)

RUDAKOV, B. I.

RUDAKOV, B. I. (Veterinaro-Bacteriological Laboratory of the October Railroad.)
Mold fungi in isothermal cars.

So: Veterinariya; 23; 4; April 1946; Uncl.

TABCON

RUDAKOV, B. I.

RUDAKOV, B. I. Current disinfection in veterinary medicine. (In connection with the article of A. A. Polyakov in the journal "Veterinariya" No. 10, 1946).

So: Veterinariya; 23; 7; July 1946; Unclassified

TABCON

RUDAKOV, B.I.

Author of an article titled "Mold Fungi in Isothermic Cars"
SO: Veterinariia; Vol 25; No. 4; 38-39; Moskva; April, 1948 Uncl de g
Trans. by L. Lulich #118

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

RUDAKOV, L. I.

RUDAKOV, L. I. (Veterinaro-bacteriological Laboratory, October Railroad.
Formalin as a disinfecting agent.

Source: Veterinariya: 25; 9; September 1948; uncl p 38
TAECCN

APPROVED FOR RELEASE: 06/20/2000

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"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

KUJAKOV M. I.

22636 Dezodoratsiya izotermicheskaya Vagonov. Veterinariya, 1949, No. 7,
S. 47

SO: Letopis' 30, 1949

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

RUDAKOV, B. I.

"Veterinaro-sanitary measures in shipment of meat"

SO: Veterinarija 27(3), 1950, p. 38

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8"

RUDAKOV, B. I.

"25th anniversary of the First All-Russian Veterinary Scientific-
Organizational Congress."

SU: Veterinariia 28(9), 1951, p. 3

Gel'man, Khristofor Ivanovich, 1848-1892

Khristofor Ivanovich Gel'man. Veterinariia, 29, No. 7, 1952.

Monthly List of Russian Accassions, Library of Congress, October 1952. Unclassified.

RUDAKOV, P. I.

"Comparative Evaluation of Action of Various Disinfectants on Molds,"
Priroda, vol. 40, no. 2, 1951, pp. 73-74. A10 F933

So: Sira SI-90-53, 15 Dec. 1953

L 8327-66 EWT(d)/EWT(1)/EWP(v)/EWP(k)/EWA(h)/EWP(h)/EWP(1) TO

ACC NR: AT5028038

SOURCE CODE: UR/3173/63/000/008/0014/0025

AUTHOR: Rudakov, B. P. (Engineer)

ORG: Ural Electromechanical Institute of Railroad Transportation Engineers (Ural'skiy elektromekhanicheskiy institut inzhenerov zheleznodorozhnogo transporta)

50

P + 1

TITLE: The estimate of reliability of basic relay-contact circuits for hill-distributor programmed master unit.

SOURCE: Sverdlovsk. Ural'skiy elektromekhanicheskiy institut inzhenerov zheleznodorozhnogo transporta. Trudy. no. 8, 1963. Voprosy avtomatiki, telemekhaniki i svyazi na zheleznodorozhnom transporte (Problems in automation, remote control, and communication in railroad transportation), 14-25

TOPIC TAGS: system reliability²⁵, circuit reliability, reliability engineering, automatic control system, railway network, railroad

ABSTRACT: The reliability of operation of railroad hill-distributor automatic control systems is of ever increasing importance and, consequently, all the circuits and elements of the railroad hill-dispatching programmed-master system developed by the TsNII MPS were subjected to careful reliability analysis. This article presents the theoretical apparatus of reliability estimates, describes the splitting of the entire device into reliability subunits (with a special emphasis on relay contact circuits), outlines the procedures employed in the analysis, and discusses the results indicating that the entire system may be expected to operate continuously

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without breakdown over periods of 3.5 - 1.5 months. The author concludes that (1) the reliability estimate of railroad automated hill-dispatcher devices can be carried out by standard methods of reliability calculation appropriately modified to take into account the specific feature of the devices under; (2) even in the design stage of a similar system the question of reliability estimates of the possible engineering solutions should be taken into consideration. Orig. art. has: 10 formulas, 2 figures, and 3 tables.

SUB CODE: GO, IE / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001

jw
Card 2/2

ACCESSION NR: AP5002698

S/0231/64/000/008/0058/0060

B

AUTHOR: Rudakov, B. P. (Engineer)

TITLE: Evaluating the reliability of a 45-column calculating punch

SOURCE: Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zhelezodorozhного
transporta. Vestnik, no. 8, 1964, 58-60

TOPIC TAGS: perforator, verifier, calculating punch, Poisson law, punch card,
railroad automation, calculator reliability

ABSTRACT: An important feature of railroad automation facilities is the reliability of the computer devices, in view of the required minimum of uninterrupted performance. Automation of the technological processes on the railroads by the use of calculating punches must therefore be preceded by well-substantiated numerical norms of reliability, and this applies particularly to the performance of the perforator and verifier. The large variety of mechanical and electrical elements in such computers as well as their extremely complicated technological performance justify the assumption that the breakdowns are of an accidental nature and distributed according to Poisson's law (this assumption has been confirmed in practice).

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ACCESSION NR: AP5002698

It has been found that the operational reliability of the verifier is almost 50% higher than that of the perforator; the exponential law of reliability may be used to evaluate the dependability of the calculating punch; the reliability of the machine's electrical components is twice as high as that of the mechanical ones. "The methods of this study were worked out under the guidance of Cand. Tech. Sci. G. A. Krasovskiy." Orig. art. has: 5 formulas, 2 figures and 1 table.

ASSOCIATION: Ural'skoye otdeleniye TsNII MPS, Sverdlovsk (Urals branch, TsNII, MPS)

SUBMITTED: 00

ENCL: 00

SUB CODE: DP, GO

NO REF SOV: 002

OTHER: 000

Card 2/2

.. D.; VENIKOV, N. I.; KURASHOV, A. A.; OGLOBLIN, A. A.; PANKRATOV, V. M.;
RUDAKOV, B. P.

"Search for Light Neutron-Nuclei (i.e. dineutron, tetraneutron, n^6)."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi,
14-22 Feb 64.

Inst Atomic Energy, AS USSR

KRASOVSKIY, German Anatol'yevich; KLINOV, Anatoliy Kipriyanovich;
RUDENKO, Boris Pavlovich; FILIPPOVA, L.S., red.

[Programming systems for hump yards] Gorochnye programmye
ustroistva. Moskva, Transport, 1965. 50 p. (MIRA 18:7)

ACC NR: AP6026342

SOURCE CODE: UR/0144/66/000/007/0736/0742

AUTHOR: Rudakov, B. V. (Engineer); Semenov, N. P. (Senior Engineer); Sumakov, B. A. (Deceased; Engineer; Group Leader)

ORG: Electrical Traction Problem Laboratory, Electrical Machinery Department, Leningrad Institute for Railroad Transportation Engineers (Problemnaya laboratoriya elektricheskoy tyagi pri kafedrye elektricheskikh mashin Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta)

TITLE: Questions concerned with research involving a dual frequency synchronous generator

SOURCE: IVUZ. Elektromekhanika, no. 7, 1966, 736-742

TOPIC TAGS: electric generator unit, frequency control, switching circuit, electric motor

ABSTRACT: A production model of a synchronous generator with stepped up frequency, type ChS-9/2, was used to build an experimental, dual-frequency generator so that 50 cycle and 200 cycle voltages, depending on the manner in which stator and rotor windings were connected, could be obtained while retaining generator speed constant. The generator is similar to a variable speed, pole switching synchronous motor. Electrical connections for rotor and stator are shown, as are various of the data developed during the experiments. Orig. art. has: 4 figures and 1 table.

SUB CODE: 09/SUBM DATE: 27May64/ORIG REF: C03

STC: 601.0

VOL'F, A.M., inzh.; RUDAKOV, B.V., inzh.

Stability characteristics of the VL22^m electric locomotive.
Vest. TSNII MPS 17 no.6:49-51 S '58. (MIRA 11:11)

1. Ural'skoye otdeleniye Vsesoyuznogo tsentral'nogo nauchno-
issledovatel'skogo instituta Ministerstva putey soobshcheniya.
(Electric locomotives--Testing) (Stability of locomotives)

LUPKIN, D.M., kand.tekhn.nauk; RUDAKOV, B.V., inzh.; SEMENOV, N.P., inzh.;
SUMAKOV, B.A., inzh.; KHEYFETS, L.A., inzh.

Main line electric locomotive with a synchronous motor and
hydraulic transmission. [Trudy] LIIZHT no.193:77-92
'62. (MIRA 15:12)

1. Leningradskiy institut inzhenerov zheleznodorozhного
transporta (for Lupkin, Rudakov, Semenov, Sumakov). 2. Luganskiy
teplovozostroitel'nyy zavod (for Kheyfits).
(Electric locomotives)

VINOGRADOV, Yu.N., inzh.; RUDAKOV, B.V.; inzh.; KIRILLOV, G.B., inzh.

Cutting the time of preliminary drying of the armature of electric traction engines before impregnation. Trudy TSNII MPS no.246: 113-118 '62. (MIRA 16:2)

(Electric railway motors)

RUDAKOV, D.L. , agronom.

Vegetable gardening in the fifth five-year plan. Nauka i zhish' 20 no.10:11-
13 0 '53. (MLR 6:10)

(Vegetable gardening)

SADOV, F.I., doktor tekhn. nauk, prof.; CHAPLINA, N.D.; IVLIYEV, V.G.; LUR'YE, A.L.; ABEZGUZ, A.Ya.; DYNIN, F.M.; ESKIN, I.L.; VASIL'YEV, G.V.; GAL'PERIN, M.M., retsenzent; IL'INSKIY, N.S., retsenzent; MORYGANOV, P.V., doktor tekhn. nauk, prof., retsenzent; MOSHKIN, V.I., retsenzent; RUDAKOV, D.N., retsenzent; TSVETKOV, M.N., retsenzent; DUKHOVNYY, F.N., red.

[Design and planning of finishing factories for the cotton industry] Proektirovanie otdelochnykh fabrik khlopchato-bumazhnoi promyshlennosti. Moskva, Legkaia industriia, 1965. 355 p.

RUDAKOV, F.F., mayor med.sluzhby

Combined treatment of patients with chronic suppurative otitis media.
Voen.-med. zhur. no. 2:81 F '61. (MIRA 14:2)
(EAR—DISEASES) (ELECTROPHYSIOLOGY) (FURACILIN)

RUDAKOW, Georgij [Rudakov, Georgiy] (Ufa, Baszkirska A.S.S.R.); ZYLKA,
R. [translator].

The theory of deep origin of petroleum. Kwartalnik geol 7 no.2:
367-373 '63.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445910009-8

RUDAKOV, G.

Work of the repair department. Avt.transp. 42 no.12:6-7 D '64.
(MIRA 18:4)

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CIA-RDP86-00513R001445910009-8"

